Title (en)

ANTI-EGFR ANTIBODY THERAPY BASED ON AN INCREASED COPY NUMBER OF THE EGFR GENE IN TUMOR TISSUES

Title (de)

ANTI-EGFR-ANTIKÖRPERTHERAPIE AUF DER GRUNDLAGE EINER ERHÖHTEN KOPIENZAHL DES EGFR-GENS IN TUMORGEWEBEN

Title (fr)

ANTICORPS DIRIGE CONTRE LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE (EGFR) BASE SUR UN NOMBRE DE COPIES ACCRU DU GENE EGFR DANS DES TISSUS TUMORAUX

Publication

**EP 1869208 A1 20071226 (EN)**

Application

**EP 06724269 A 20060412**

Priority

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- EP 05008156 A 20050414
- EP 06724269 A 20060412

Abstract (en)

[origin: WO2006108627A1] The invention relates to an individualized and personalized diagnosis and therapy of cancer based on specific molecular alterations which occur in specific tumor tissue of specific tumor patient populations. The therapy and diagnostic is based on the findings that proliferation and tumor growth of specific EGFR bearing tumor tissue expressing an amplified EGFR gene copy number may be abolished by anti-EGFR antibodies, while other individual molecular alterations such as mutations occurring in tumor tissues are unaffected by the same anti-EGFR antibody treatment.

IPC 8 full level

**C12Q 1/68** (2006.01); **C07K 16/28** (2006.01)

CPC (source: EP KR US)

**A61K 39/00** (2013.01 - EP KR US); **A61K 39/39541** (2013.01 - EP KR US); **C07K 16/2863** (2013.01 - EP KR US); **C12Q 1/6886** (2013.01 - EP KR US); **G01N 33/53** (2013.01 - KR); **G01N 33/57407** (2013.01 - KR); **G01N 33/68** (2013.01 - KR); A61K 2039/505 (2013.01 - EP US); A61K 2039/55 (2013.01 - EP US); C07K 2317/21 (2013.01 - EP KR US); C07K 2317/24 (2013.01 - EP KR US); C07K 2317/73 (2013.01 - EP KR US); C12Q 2600/106 (2013.01 - EP KR US); C12Q 2600/156 (2013.01 - EP KR US)

C-Set (source: EP US)

**A61K 39/39541** + **A61K 2300/00**

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